

CERTIFICATE OF MAILING

I certify that this document is being deposited with the U.S. Postal Service as First Class Mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: March 28, 2002

APR 01 2002

Signature of Person Mailing Correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant(s):	Roy et al.	Docket No.:	36742.0200
Serial No.:	09/975,027	Group Art Unit:	2622
Filed:	October 10, 2001	Examiner:	TBA
Title:	SYSTEMS AND METHODS FOR ENHANCING THE VIEWING OF MEDICAL IMAGES	Confirmation No.:	7605

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents
Washington, D.C. 20231

Assistant Commissioner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R., §§1.97 and 1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO/SB/08A. One copy of each cited document is submitted herewith. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO/SB/08A and return a copy thereof to the undersigned.

The items listed on Form PTO/SB/08A may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

RECEIVED
APR 03 2002
Technology Center 2600

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute any of the listed documents as prior art during examination. Further, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

1. ☒ For each of the following items listed on the enclosed copy of Form PTO/SB/08A that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

JP 112846682 A dated 3-31-1998

JP 2000066969 A dated 3/3/2000

JP 2000224542 A dated 8-11-2000

2. ☐ Any copy of the items listed on the enclosed copy of Form PTO/SB/08A that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior ☐ Continuation, ☐ Divisional or ☐ Continuation-In-Part application under 37 C.F.R. §1.60, U.S. Serial No. _____, filed _____.

3. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.

☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application.

☒ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.

4. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 3 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 8 below.

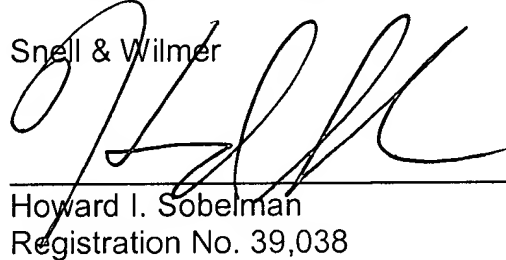
5. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 3 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):
- ☐ A check in the amount of \$180.00 is enclosed in payment of the fee.
- ☐ Charge the fee to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
6. ☐ A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
- a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 8 below; and
- b. the attached petition requesting consideration of this Information Disclosure Statement; and
- c. the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 9 below.
7. ☐ A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:
- a. ☐ 37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;
- b. ☐ 37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.
- c. The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 9 below.
8. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent

office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

9. ☐ A check in the amount of \$180.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(p).
- ☐ Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

Snell & Wilmer


Howard I. Sobelman
Registration No. 39,038

Dated: March 28, 2002

Snell & Wilmer L.L.P.
One Arizona Center
400 E. Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6228
(602) 382-6070 Telecopier

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number 09/975,027
Filing Date October 10, 2001
First Named Inventor Stephen C. Roy
Art Unit 2622
Examiner Name TBA
Attorney Docket Number 36742.0200

RECEIVED
APR 03 2002
Technology Center 2600

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US- 4,764,870		08-16-1988	Haskin	
		US- 4,817,050		03-28-1989	Komatsu et al.	
		US- 4,910,609		03-20-1990	Nicholas et al.	
		US- 5,179,651		01-12-1993	Taaffe et al.	
		US- 5,272,625		12-21-1993	Nishihara et al.	
		US- 5,291,401		03-01-1994	Robinson	
		US- 5,321,520		06-14-1994	Inga et al.	
		US- 5,384,643		01-24-1995	Inga et al.	
		US- 5,416,602		05-16-1995	Inga et al.	
		US- 5,469,353		11-21-1995	Pinsky et al.	
		US- 5,513,101		04-30-1996	Pinsky et al.	
		US- 5,655,084		08-05-1997	Pinsky et al.	
		US- 5,715,823		02-10-1998	Wood et al.	
		US- 5,802,518		09-01-1998	Karaev et al.	
		US- 5,810,747		09-22-1998	Brudny et al.	
		US- 5,836,877		11-17-1998	Zavislan	
		US- 5,851,186		12-22-1998	Wood et al.	
		US- 5,857,967		01-12-1999	Frid et al.	
		US- 5,949,491		09-07-1999	Callahan et al.	
		US- 6,006,191		12-21-1999	DiRienzo	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Office ³	Number ⁴	Kind ⁵ (if known)				
		DE	196 25 836	A1	06-27-1996	Siemens AG		
		DE	196 25 839	A1	06-27-1996	Siemens AG		
		EP	0 844 581	A2	05-27-1998	ATL Ultrasound, Inc.		
		EP	0 844 781	A2	05-27-1998	Fuji Photo Film Co., Ltd.		
		JP	11284682	A	03-31-1998	Fuji Photo Film Co., Ltd.		
		JP	2000066969	A	03-03-2000			
		JP	2000224542	A	08-11-2000	Hitachi Ltd.		
		WO	99/64971		12-16-1999	Koninklijke Philips...		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APR 01 2002

Complete if Known

(use as many sheets as necessary)

2

of

5

Attorney Docket Number | 36742.0200

RECEIVED

APR 03 2002

Technology Center 2600

[illegible][illegible]

Date Considered

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 5

Complete if Known

Application Number 09/975,027
 Filing Date October 10, 2001
 First Named Inventor Stephen C. Roy
 Group Art Unit 2622
 Examiner Name TBA
 Attorney Docket Number 36742.0200

RECEIVED

APR 03 2002

Technology Center 2600

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		eMed Technologies Advertisement, Stop hanging on to the old system. It's time to get your practice on the web.	
		Stentor Intelligent Informatics Advertisement, Stentor enterprise image management.	
		GE ASP Solutions Article, The Healthcare ASP, 4/00.	
		R. Ernest Waaser, Demystifying ASP, Nov/Dec 2000, Imaging Economics Supplement pg. 3.	
		Rich Mancilla, ASP Infrastructure: Beyond Copper Wire and Fiber Optics, Nov/Dec 2000, Imaging Economics Supplement pgs 4,5 & 19.	
		Nicole Pliner, Patricia Whelan and Keith J. Dreyer, Financially Speaking, Nov/Dec 2000, Imaging Economics Supplement pgs 6-8.	
		Rich Smith, Q&A: Issues in ASP, Nov/Dec 2000, Imaging Economics Supplement pgs 13-16.	
		Osman Ratis, Outsourcing the Electronic Medical Record, Nov/Dec 2000, Imaging Economics Supplement pgs. 9, 10 & 12.	
		Keith J. Dreyer, PACS on call, Nov/Dec 2002 Imaginig Economics Supplement pgs. 50, 52, 55 & 90.	
		Carter H. Yates, Next Generation PACS, Nov/Dec 2000 Imaging Economics Supplement pgs. 17-19.	
		George Wiley, Warning: Teleradioactive?, Nov/Dec 2000 Imaging Economics pgs. 24, 26, 28, 30 & 92.	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/975,027
			Filing Date	October 10, 2001
			First Named Inventor	Stephen C. Roy
			Group Art Unit	2622
			Examiner Name	TBA
			Attorney Docket Number	36742.0200
Sheet	4	of	5	

RECEIVED
APR 03 2002
Technology Center 2600

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BRIT Systems Advertisement, Connect to the Internet with eRadfiles and become wildly efficient!	
		COMDISCO Advertisement, [I'm growing too fast] I'm Your Digital Information.	
		Paul E. Christian, Donald A. Baune, Frederick L. Datz; Clinical and Educational PACS, Teleradiology and Conferencing using Low-Cost Unix Workstations; http://wwwrad.med.utah.edu/nucmed/PACS.html	
		http://www.amicas.com/index.html Amicas, Inc. Amicas Net, 5 pages, April 26, 2000	
		http://telemetoday.com/ ... Telemedicine Today Magazine, 22 pages., April 26, 2000	
		http://tims.com/ ... Tims Teleradiology Home Page, 4 pgs., May 12, 2000	
		http://informedcare.com/medvision/visitran.htm , MedVision, 2 pgs., May 12, 2000	
		http://dataviewimaging.com/webradiology.htm , 2 pgs., May 12, 2000	
		http://siriuscorp.com/webserver.html , 2pgs., May 12, 2000	
		http://www.mediface.com/piwe_body.html , Mediface Co., Ltd., 1 pg., May 12, 2000	
		http://inphact.com/info/body.htm , Inphact, 2 pgs., May 12, 2000	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APR 01 2002
DISCLOSURE
BY APPLICANT

APR 01 2002

Complete if Known

Application Number	09/975,027
Filing Date	October 10, 2001
First Named Inventor	Stephen C. Roy
Group Art Unit	2622
Examiner Name	TBA
Attorney Docket Number	36742.0200

5

of

5

RECEIVED
APR 09 2002
Technology Center 2600

[illegible]Date
Considered

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

+